Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091219\
Data File : BF116992.D
Acq On : 12 Sep 2019 15:22
Operator : HP/JU
Sample : K4852-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GIS-1(0.-2)

Quant Time: Sep 13 07:56:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 08:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	44567	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	180008	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	92150	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	149581	20.00	ng	0.00
76) Chrysene-d12	13.97	240	117878	20.00	ng	0.00
87) Perylene-d12	15.42	264	121257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	248806	90.44	ng	0.00
7) Phenol-d6	6.45	99	346547	95.94	ng	-0.01
23) Nitrobenzene-d5	7.38	82	205191	65.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	70505	114.45	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	347286	63.57	ng	0.00
79) Terphenyl-d14	12.92	244	345531	54.23	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.57	163	39338	6.183	ng	99
75) Fluoranthene	12.54	202	17082	2.087	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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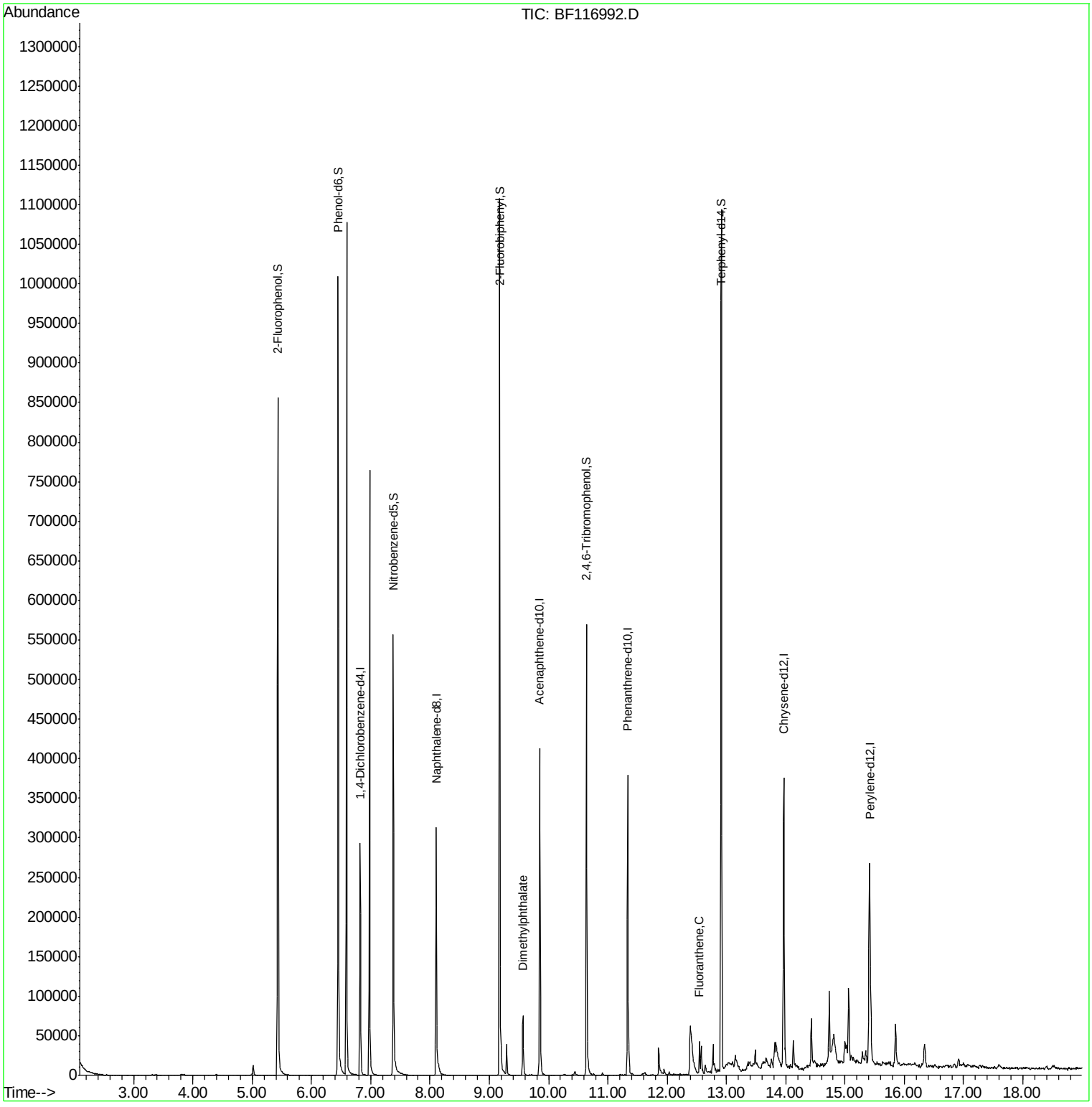
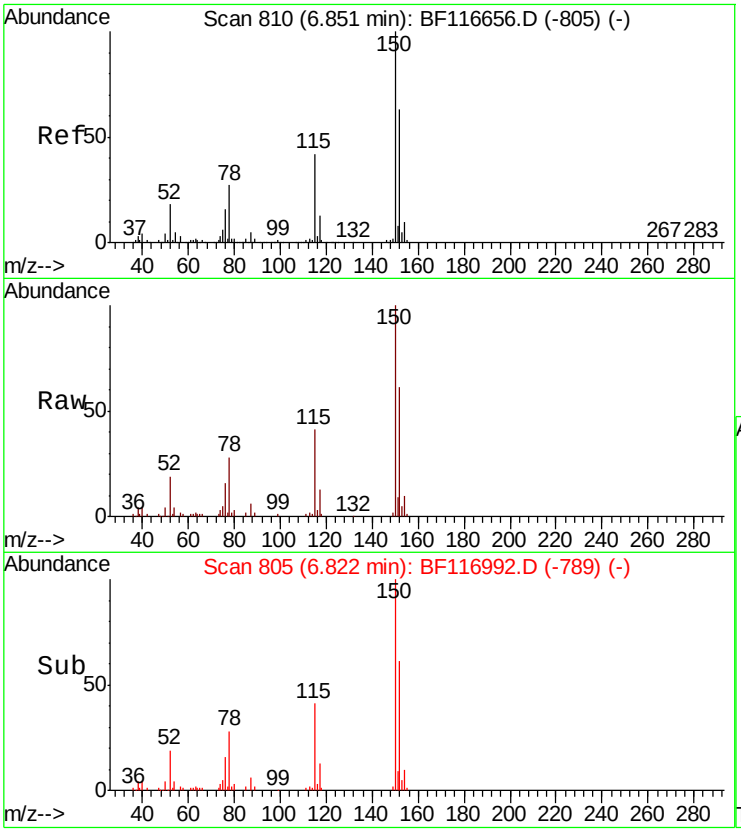


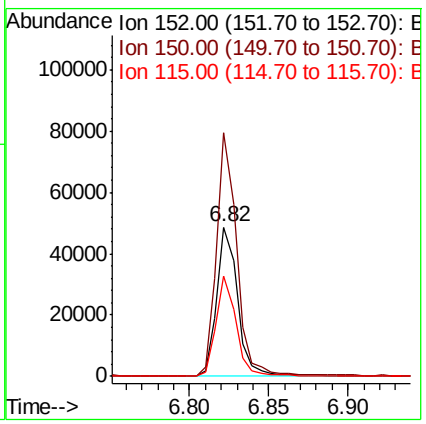


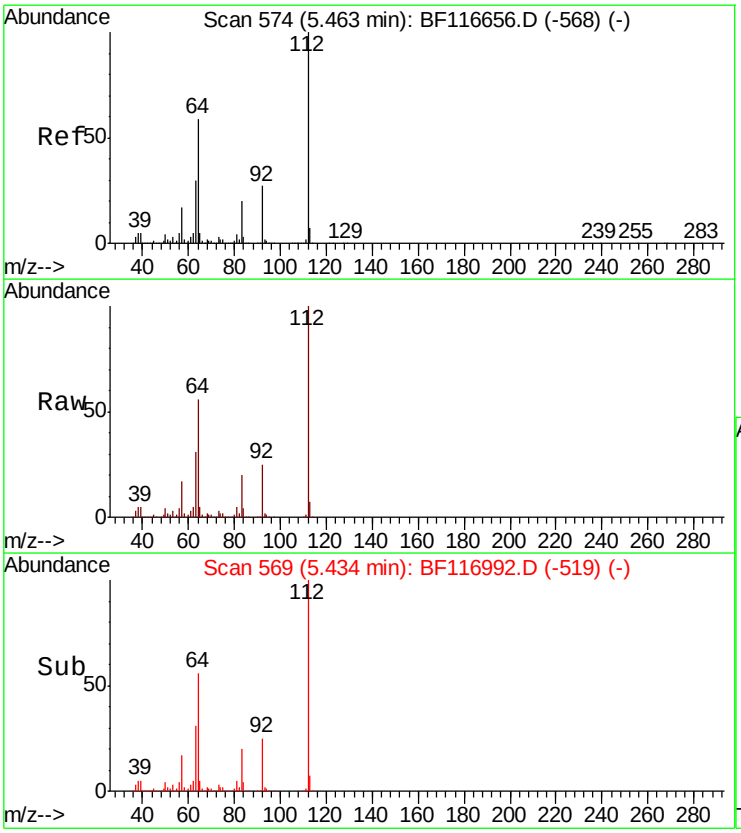
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

Tgt Ion:152 Resp: 44567

Ion	Ratio	Lower	Upper
152	100		
150	163.5	126.2	189.2
115	67.0	50.2	75.2

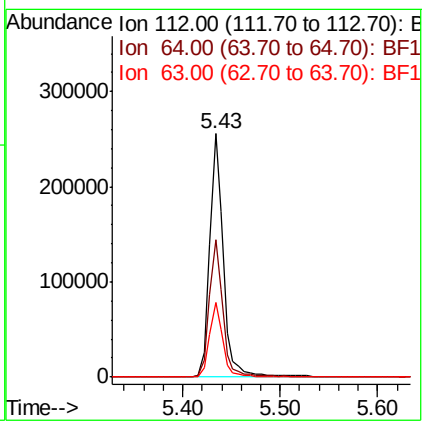


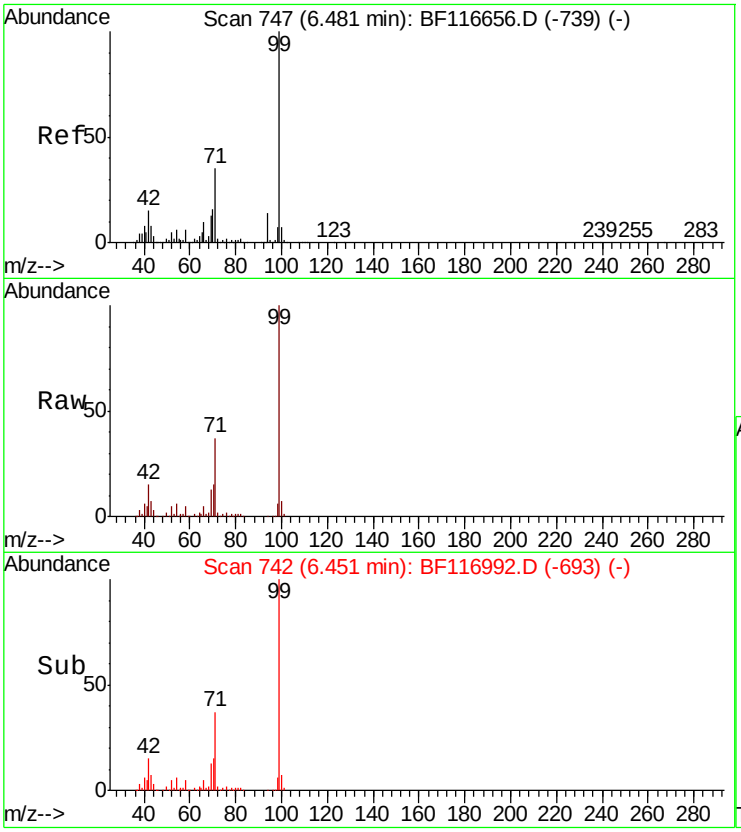


#5
2-Fluorophenol
Concen: 90.444 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Tgt Ion:112 Resp: 248806

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.1	70.7
63	30.6	25.4	38.0



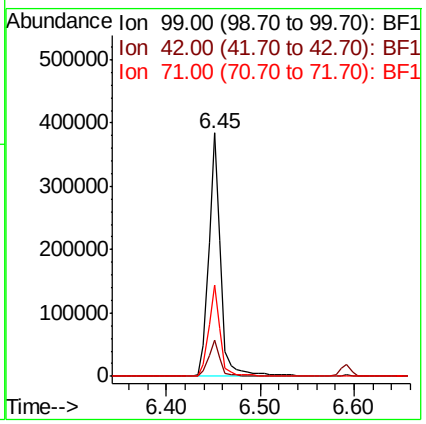


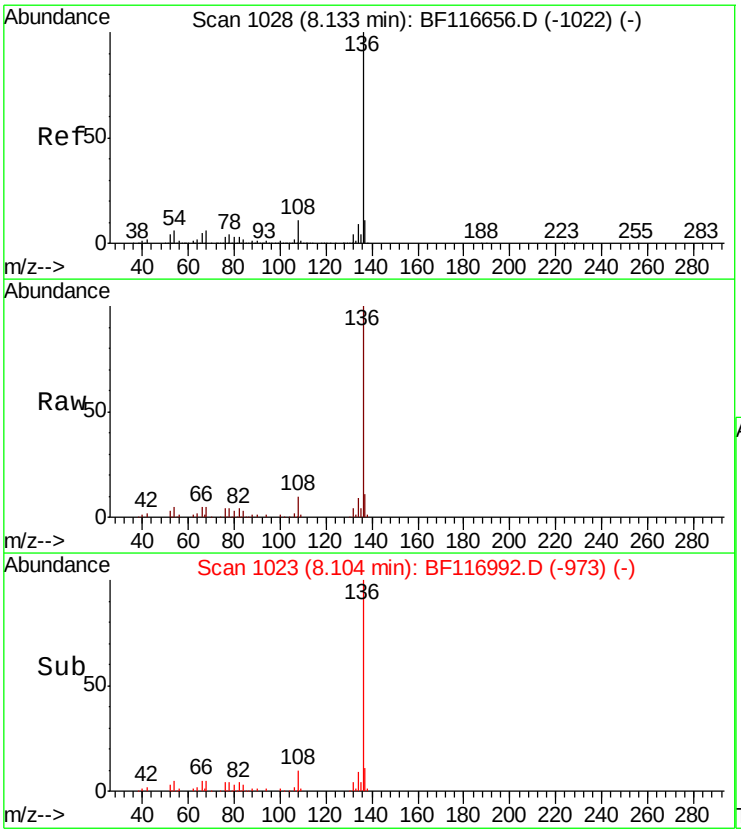
#7
Phenol-d6
Concen: 95.935 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

Tgt Ion: 99 Resp: 346547

Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.0	18.0
71	37.2	29.7	44.5

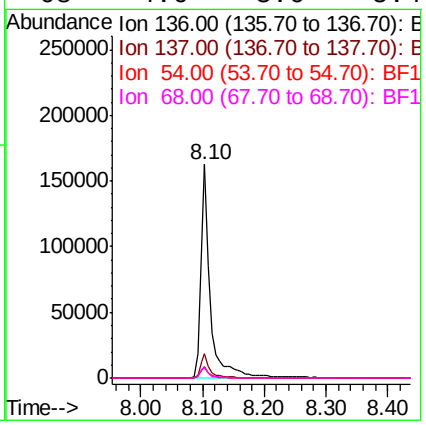


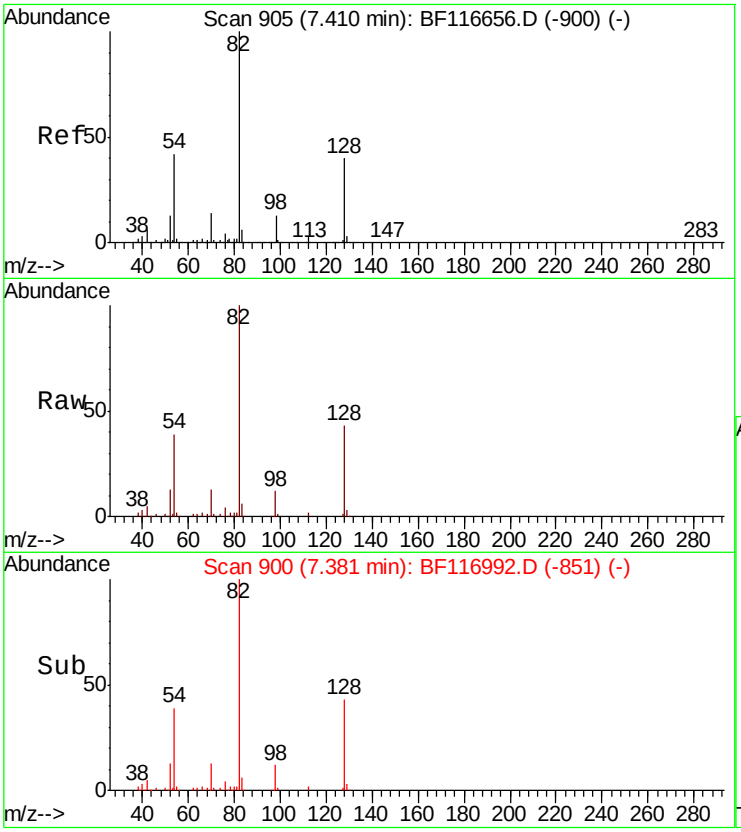


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Tgt Ion:136 Resp: 180008

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	5.4	3.8	5.8
68	4.6	3.6	5.4



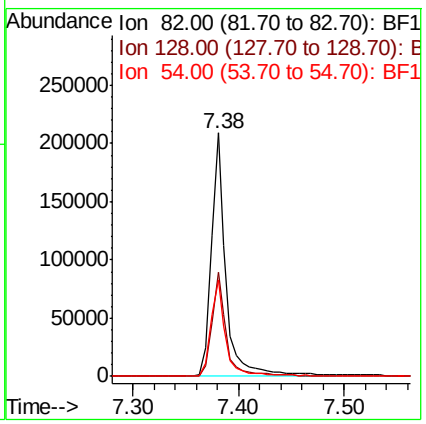


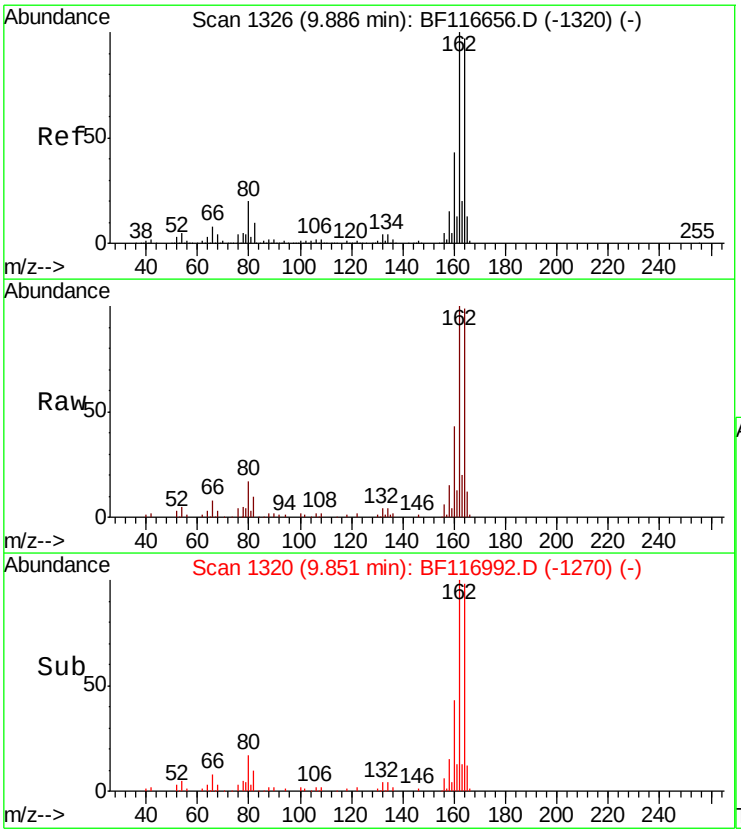
#23
Nitrobenzene-d5
Concen: 65.074 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

Tgt Ion: 82 Resp: 205191

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.0	52.4
54	39.5	32.6	48.8

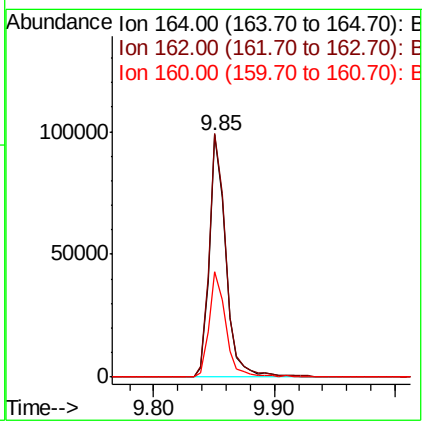


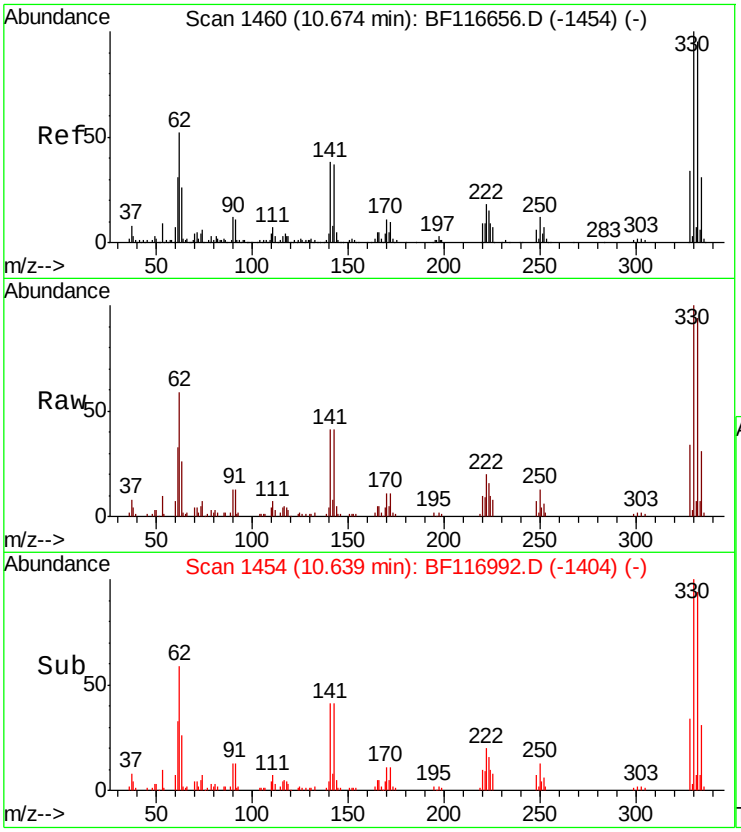


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Tgt Ion:164 Resp: 92150

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.8	122.6
160	43.7	35.7	53.5



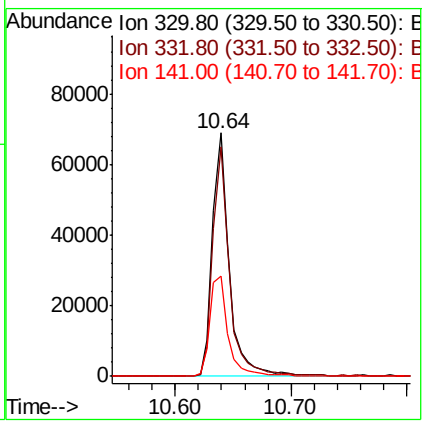


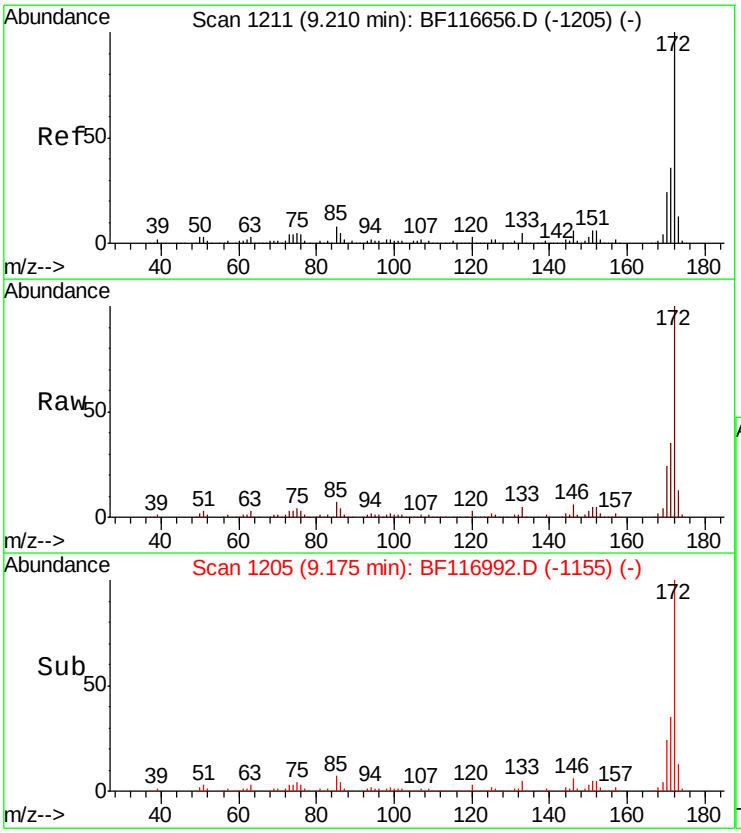
#42
2,4,6-Tribromophenol
Concen: 114.448 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

Tgt Ion:330 Resp: 70505

Ion	Ratio	Lower	Upper
330	100		
332	93.5	75.9	113.9
141	44.3	35.6	53.4

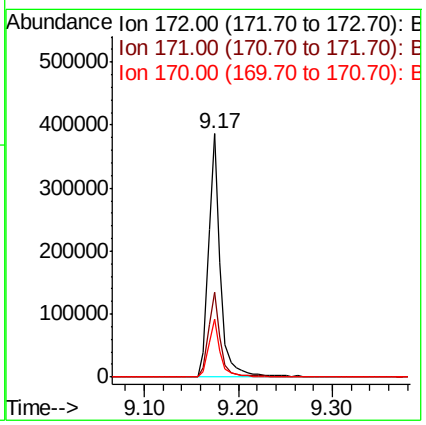


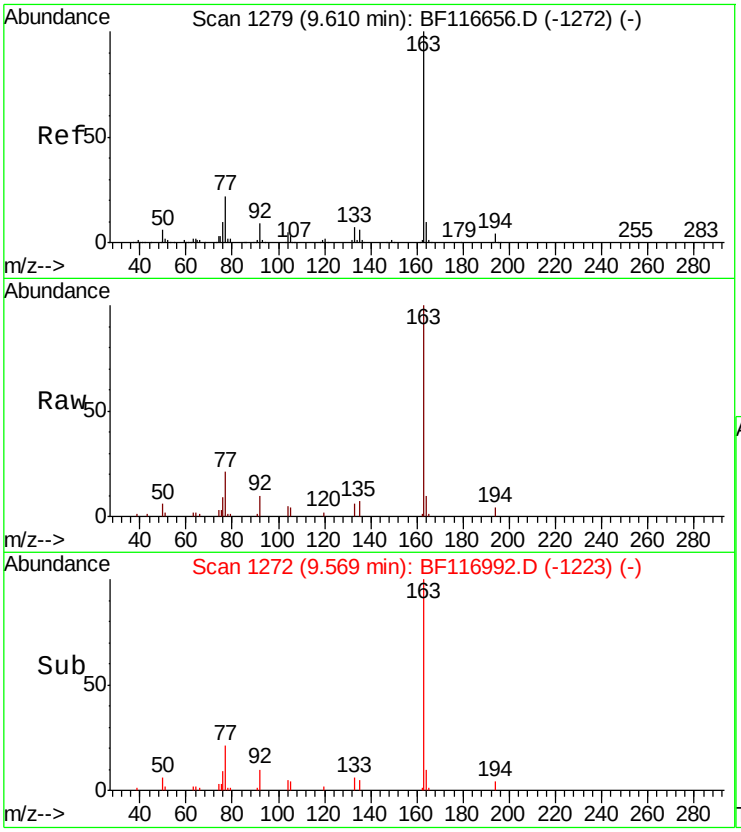


#45
2-Fluorobiphenyl
Concen: 63.574 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Tgt Ion:172 Resp: 347286

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.1	43.7
170	23.8	19.2	28.8



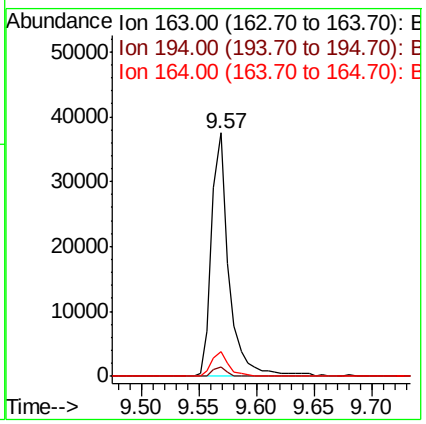


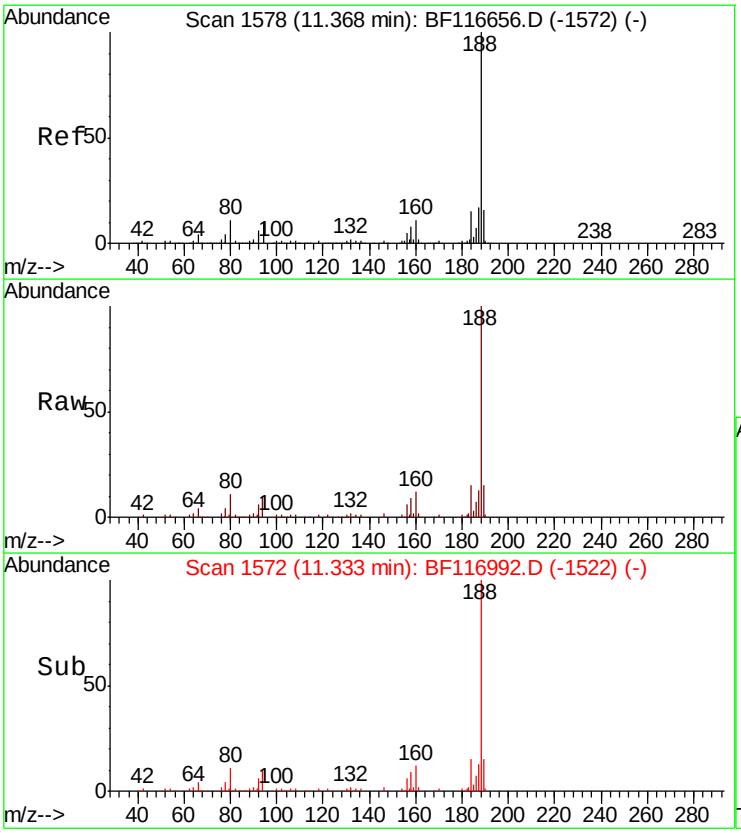
#50
Dimethylphthalate
Concen: 6.183 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

Tgt Ion:163 Resp: 39338

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.0	8.2	12.4

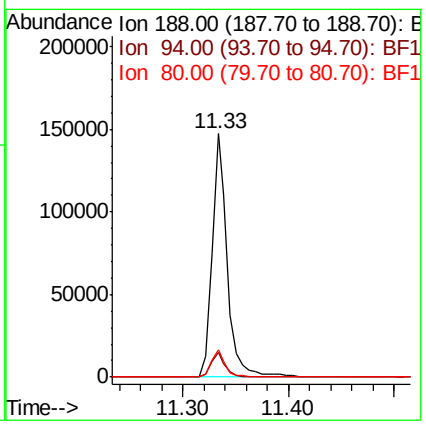


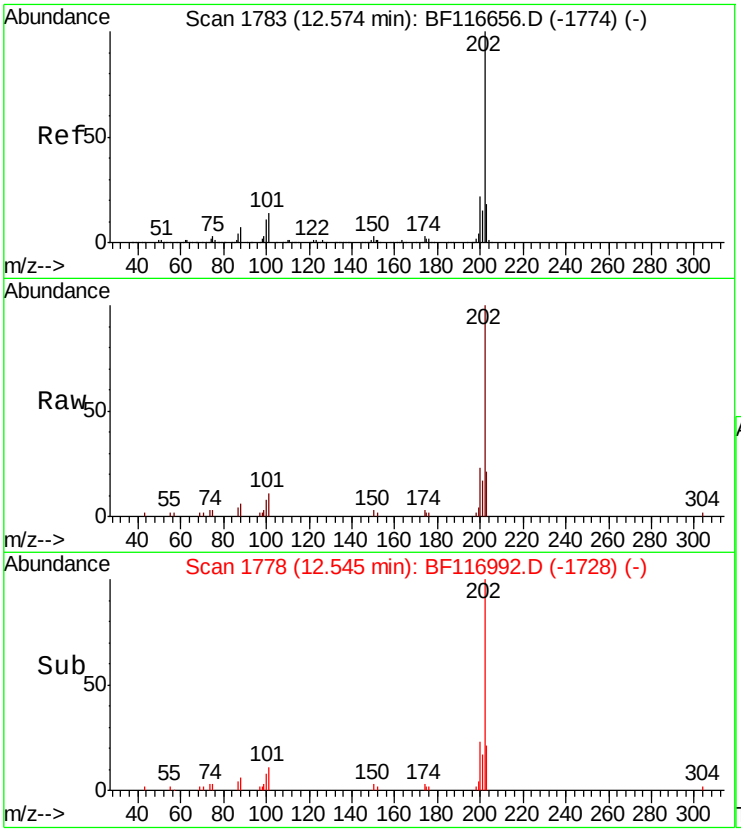


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Tgt Ion:188 Resp: 149581

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.4	11.2
80	11.1	8.5	12.7



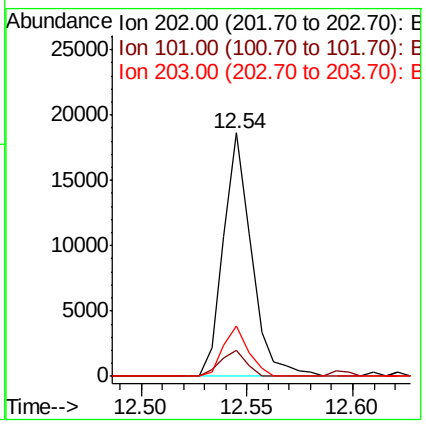


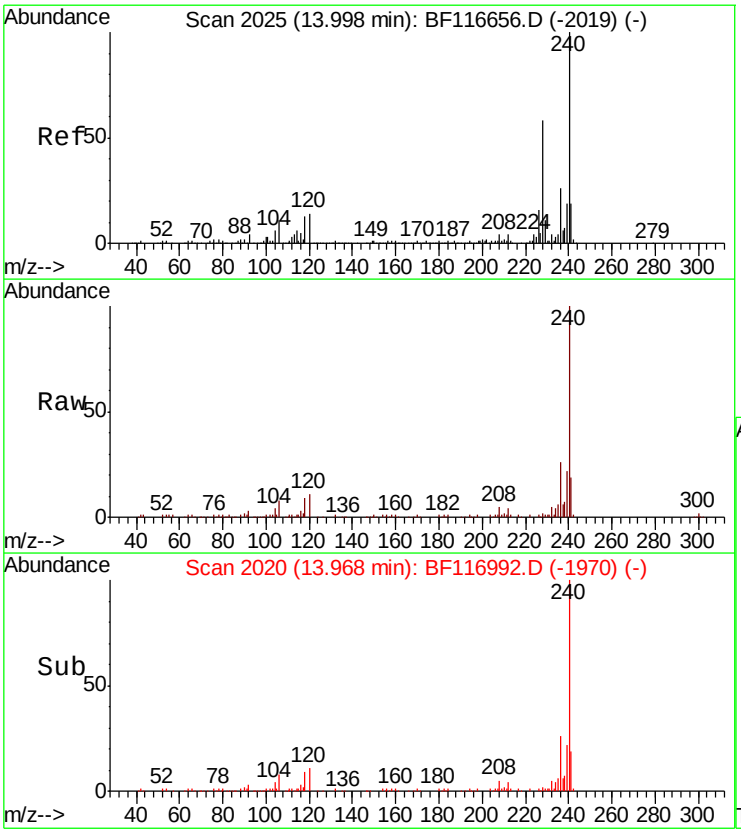
#75
Fluoranthene
Concen: 2.087 ng
RT: 12.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

Tgt Ion:202 Resp: 17082

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	32.0
203	20.7	0.0	37.5

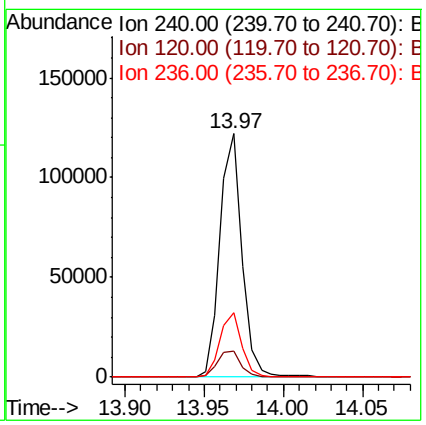


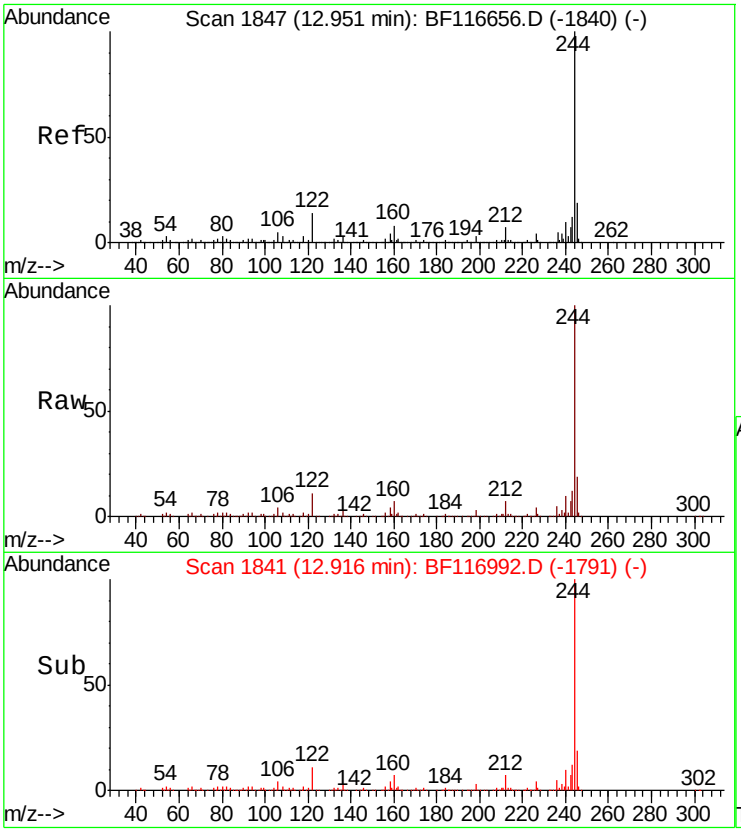


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Tgt Ion:240 Resp: 117878

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.1	13.7
236	26.2	20.9	31.3



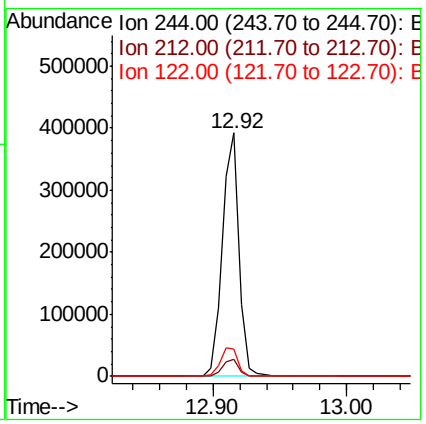


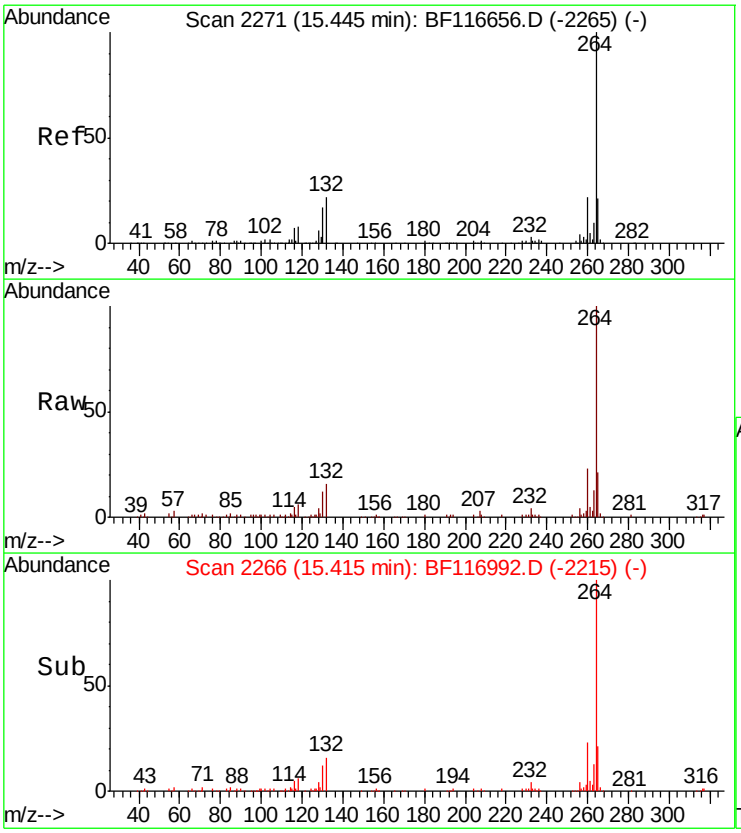
#79
Terphenyl-d14
Concen: 54.227 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Instrument :
BNA_F
ClientSampleId :
GIS-1(0.-2)

Tgt Ion:244 Resp: 345531

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	11.0	11.5	17.3#





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF116992.D
Acq: 12 Sep 2019 15:22

Tgt Ion:264 Resp: 121257

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	21.4	17.9	26.9